

Serial No. **10/622,467**  
Amdt. dated January 5, 2007  
Reply to Office Action of October 18, 2006

Docket No. **HI-0169**

**REMARKS**

By the present response, Applicant has amended claim 15 to further clarify the invention. Claims 1-24 are pending in this application. Reconsideration and withdrawal of the outstanding rejections and allowance of the present application are respectfully requested in view of the above amendments and the following remarks.

In the Office Action, claims 1-24 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Applicant's Admitted Prior Art (APA) in view of U.S. Patent No. 6,324,263 (Sherwood et al.).

**35 U.S.C. § 103 Rejections**

Claims 1-24 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over APA in view of Sherwood et al. Applicant respectfully traverses these rejections.

Sherwood et al discloses a telephone system including automated rerouting telephone calls based upon caller ID data. If caller ID data is received, it is used as a search key to search routing table listing extensions normally called by one or more persons identified by their caller ID's. If a match is found, the call is automatically transferred to the extension or voice mailbox listed in the routing table. The caller may also be given options to block the automatic routing or block recording of a voice mail message in favor of transfer to a caller specified extension or to an attendant.

Regarding claims 1, 4, 7, 8, 14 and 15, Applicant submits that none of the cited references, taken alone or in any proper combination, disclose suggest or render obvious limitations in the combination of each of these claims. The Examiner appears to summarily assert that the APA discloses all the limitations in each of these claims, but admits that the APA does not disclose or suggest a CID service circuit including CID and signal detecting unit and a CID and signal transmitting unit that each perform digital processing on the CIDs and signals. The Examiner asserts that Sherwood et al. discloses these limitations in Fig. 18 and col. 23, lines 14-32. However, these portions merely disclose that caller ID circuits detect caller ID data transmitted with incoming calls and transmits that caller ID data to an automatic caller ID routing process that uses the caller ID data as a search key to search a routing table stored in a computer to find the extension or voice mailbox or TAPI interface circuit the person or device having the caller ID of the incoming CID usually calls. When a match is found, switch control data is sent to a PBX or other switching circuit to cause connection to the appropriate telephone line. This is not a CID service circuit including a CID and signal detecting circuit and a CID and signal transmitting circuit that each perform digital signal processing on the CIDs and signals, as recited in the claims of the present application. Sherwood et al. is merely directed to and discloses routing a call automatically based on using a caller ID as a search key to search a routing table to find a match. Sherwood et al. does not disclose or suggest a CID service circuit including a CID and signal detecting circuit and a CID and signal transmitting circuit that each

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perform digital signal processing. The APA also fails to disclose or suggest these limitations. Applicant respectfully requests the Examiner to specifically point out where in the cited references each and every limitation in the claims of the present application is allegedly disclosed or suggested.

Regarding claims 2, 3, 5, 6, 9-13 and 16-24, Applicant submits that these claims are dependent on one of independent claims 1, 4, 8, and 15 and, therefore, are patentable at least for the same reasons noted previously regarding these independent claims.

Accordingly, Applicant submits that none of the cited references, taken alone or in any proper combination, disclose suggest or render obvious the limitations in the combination of each of claims 1-24 of the present application. Applicant respectfully request that these rejections be withdrawn and that these claims be allowed.

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### **CONCLUSION**

In view of the foregoing amendments and remarks, Applicant submits that claims 1-24 are now in condition for allowance. Accordingly, early allowance of such claims is respectfully requested. If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is invited to contact the undersigned attorney, Frederick D. Bailey, at the telephone number listed below.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,  
FLESHNER & KIM, LLP



John C. Eisenhart  
Registration No. 38,128  
Frederick D. Bailey  
Registration No. 42,282

P.O. Box 221200  
Chantilly, Virginia 20153-1200  
(703) 766-3701 JCE/FDB:tg  
**Date: January 5, 2007**  
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**Please direct all correspondence to Customer Number 34610**